



## Phase Two

The Skirt, Play Area and Sub Table ( continued )

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Dry fit the skirt in place and make sure all is tight. Drill a countersink screw hole on the back of the skirt down where you will connect it to the bull nose. Make three holes on each board (ends and middle) and follow it with a pilot hole into the bull nose . Watch not to drill thru the bull nose. Time to get your joiner back out and make your cuts on the skirt pieces. I setup a 22.5 angle jig for this. Make biscuit location and cut both side. You will only be using one biscuit per joint. Notice how I use a shim (1/4") to pickup the joiner. You can adjust the the plate but since this is the only time I would use this height I just use a shim. Lay out all the pieces and get ready to glue, screw and set.

## Phase Two

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This part requires that you have a ratchet type tie down straps (18' minimum) and clamps. Work here will have to go fast so if you can find someone to help do it. Start with any end and apply glue. Jump right into the next piece and start connecting it with the biscuits on top of the octagon ring. Continue till you have all eight skirt pieces glue and sitting on top of ring. Apply glue to the back of the bull nose. Now push and force the skirt down into the ring behind the bull nose. Once down wrap the strap around the skirt and start to tighten up the strap. Use clamps to keep the skirt down on the ring. Notice the paper towels at the skirt joint. Clean up the glue as it comes out the joints. Screw in the bottom of the skirt and use clamps to keep the board down. Once screwed you can remove the clamps. Let sit and dry over night.

## Phase Two

The Skirt, Play Area and Sub Table ( continued )

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What I did while waiting for the glue to dry was flip the octagon over and did some palm sanding with 120 sandpaper. Your skirt should be nice and dry some remove the strap. Looks nice don't it.

Flip it back over and get your router. Use a 3/8" quarter round bit and round off the bottom of the skirt. Careful to keep level and balance when working the router around the bottom of the skirt. After you router the bottom sand the skirt with 120.

## Phase Two

The Skirt, Play Area and Sub Table ( continued )

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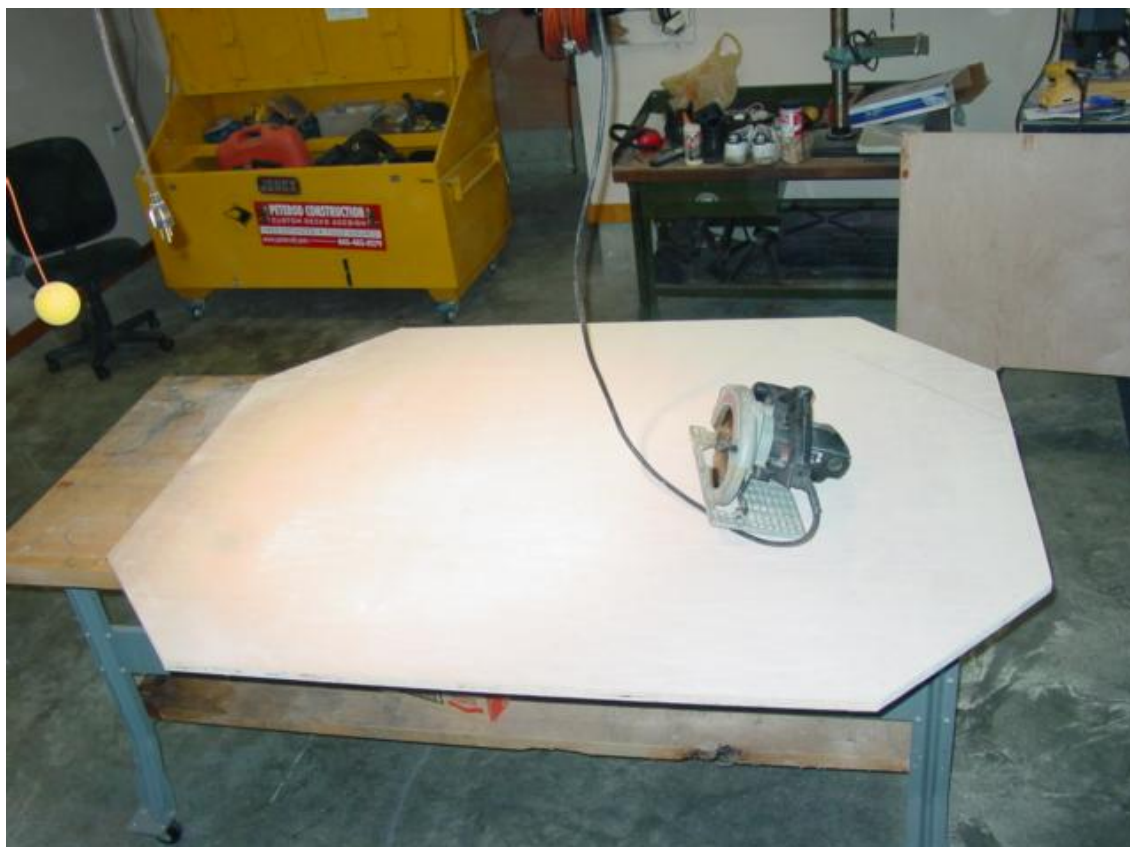


That's it with the octagon and skirt. Let's move on to the table platform and play area.

## Phase Two

The Skirt, Play Area and Sub Table ( continued )

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Your table platform and playing area are made from two pieces of Plywood. Check the sheet and make sure it is not warped. Lay one on your work bench or saw horse. Making the sub table platform can be done one of two ways. Let's go with the easy way guys. Get someone to help you with laying the octagon ring on the plywood sheet skirt facing down. We are going to trace the octagon onto the sheet. Position the ring center of the ply with all the waste to one end. Trace the ring out line and cut with your circular saw. Notice in the picture how the ply is not big enough to make the platform. We will add the waste to complete the shape. Take your ply cut off and position and trace. See how I set up a level to make a true straight cut for the other side. Remove the ring and ready to the joiner again. I used a biscuit every 4" so mark and cut your joint. Straps were used to press the joints together (see my setup) but you can also do the wedge system

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What is key in the above step is to keep the plywood down while it set's up. I used a wedge to do the play area so on to that. Using you other sheet of plywood lay it on your bench and place the octagon ring on top facing down. Trace the octagon outline onto the plywood and cut it up. Secure the piece on the bench with clamps. Using the blow picture as a guild lets add the rest of the play area with biscuits and use wedges to press the joint. Let dry overnight.

## Phase Two

The Skirt, Play Area and Sub Table ( continued )

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Remove all the clamps and the wedges and put the ring back on top of the plywood. Trace the rest of the octagon and trim with your circular saw. Later on we will sand it for fit within the ring.

## Phase Two

The Skirt, Play Area and Sub Table ( continued )

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That's it for the sub table and play area for now. In the next phase we get into the pedestal and table connection.

## Phase Three

### The Pedestal And Table Connection

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So your Octagon Ring is done, the sub table and play slab are done. We move on here to the Pedestal and table connection. Truth be said it be easier to go out and buy some cheap folding legs or a prefabricate oak pedestal. But this is your oak table and all must be you. Take into account the size of the table. The bigger the table the wider your leg base needs to be. I have a 48" leg span for my 67" table. Keep that in mind when you do this.

Let's find some 6/4"x6" finish oak stock. Using eight pieces by 24" means finding 16' of it. Check it for cracks. If you can see if you can find "HEART" lubber. Heart is the section near the middle of the core. No knocks in the wood please. You will be using 6/4"x4" for the legs also so get it while you are at it. You will need 8' for the legs.

This pedestal will have a base cap and a box top. Bring out your 1x8x36" and 1x10x36" and using your joiner glue together and set aside.

## Phase Three

The Pedestal And Table Connection ( continued )

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Pitch your table saw to 22.5 angle and the fence to 5-7/16". Rip the angle on the side and do it to all the pieces before we move the fence. Bring the fence in to 5-1/4". Rip the other side. Do this on the eight pieces.

## Phase Three

The Pedestal And Table Connection ( continued )

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## Phase Three

The Pedestal And Table Connection ( continued )

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## Phase Three

The Pedestal And Table Connection ( continued )

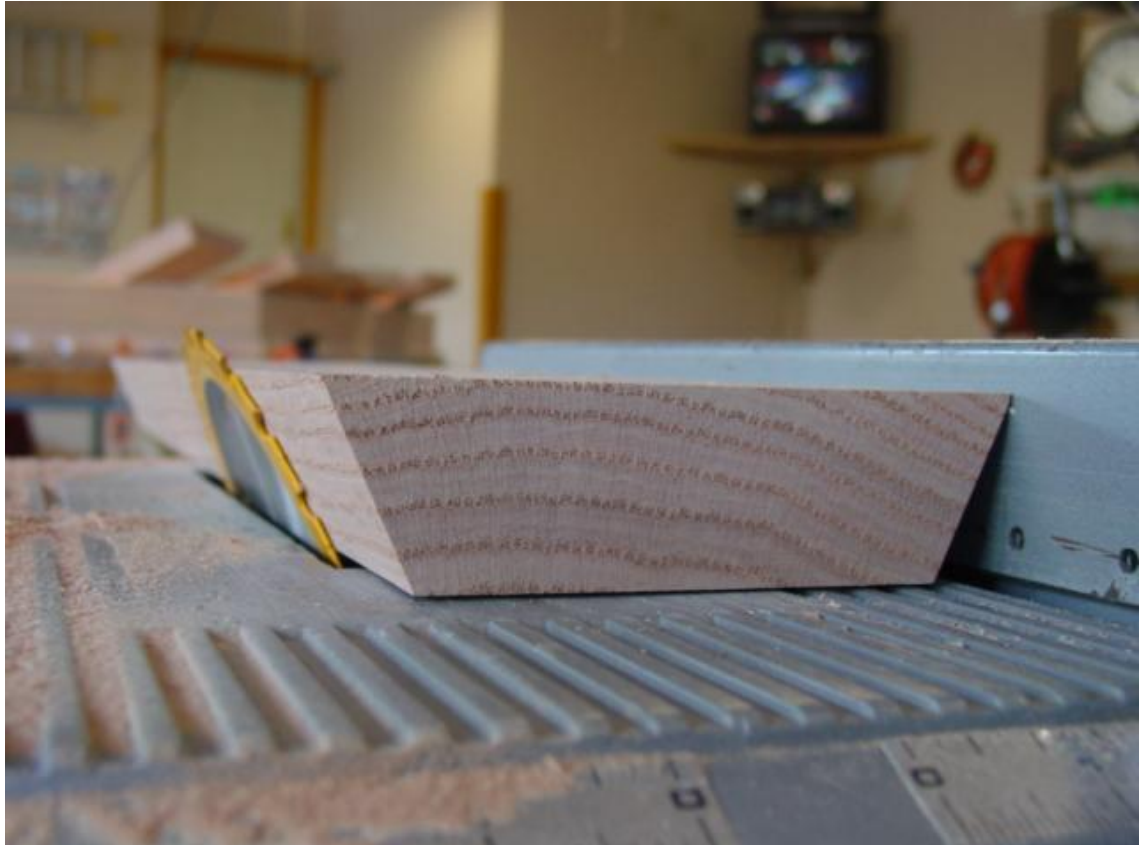
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## Phase Three

The Pedestal And Table Connection ( continued )

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Get all the pieces together and do a dry fit. Tape it or tie it together and check it for fit.

## Phase Three

The Pedestal And Table Connection ( continued )

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## Phase Three

The Pedestal And Table Connection ( continued )

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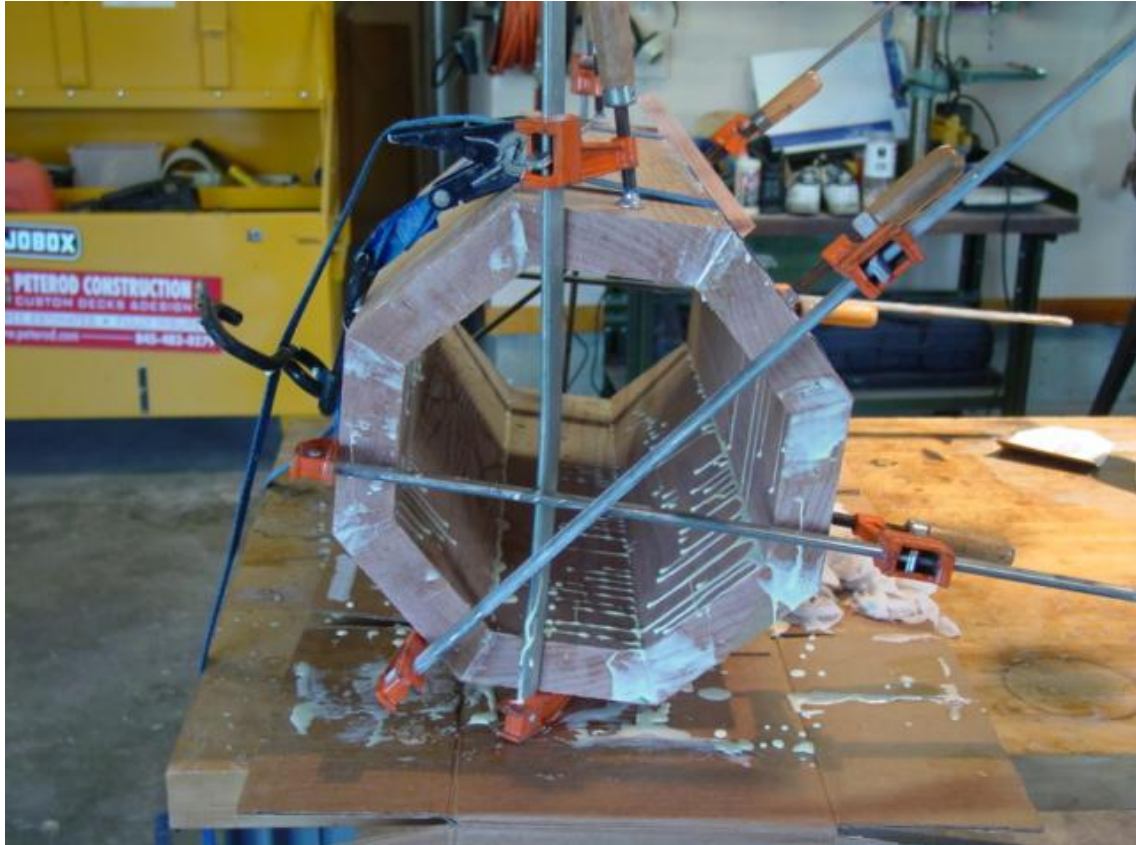


Time again for the joiner. I used 5 biscuit per edge. Space evenly and on all side and ready the glue and straps. This will go together all at the same time so the rush is on with the glue. Mark your edge's so that all your biscuit cuts line up (see the picture). Start by wrapping two straps around the two ends. Use clamps to help get the pieces in and true to shape. Hammer comes in handy here also for banging in the joints. Wipe off all the glue from the outside of the pedestal. Use one last strap to wrap the middle of the pedestal. Let dry overnight.

## Phase Three

The Pedestal And Table Connection ( continued )

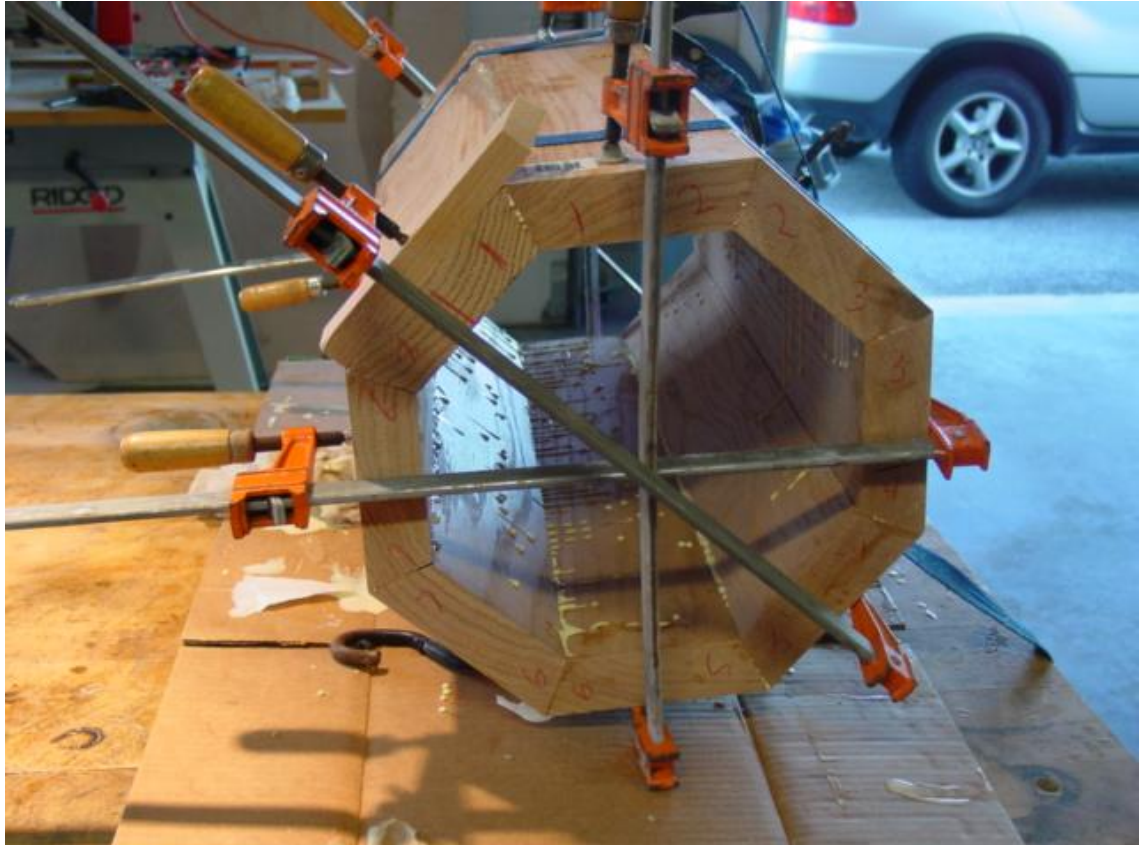
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## Phase Three

The Pedestal And Table Connection ( continued )

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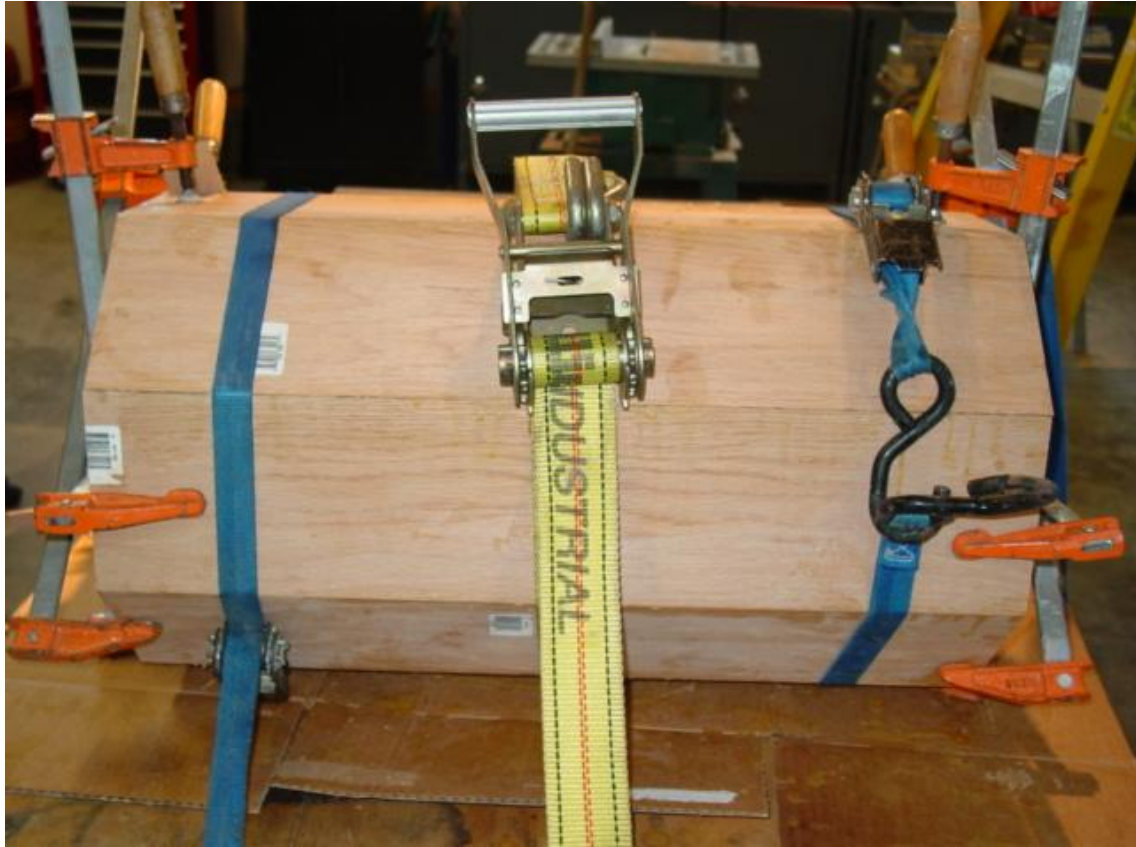
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## Phase Three

The Pedestal And Table Connection ( continued )

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Remove straps and clamps. Using your belt sander remove as much dry glue as you can. Care not to damage the piece and keep it even. Move on to the palm sander 120 paper and hit it. Ready for the base and box next.

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